

REMARKS

I. STATUS OF THE CLAIMS

The Examiner has rejected each of the pending claims. The Examiner's rejections are traversed below.

In view of the above, it is respectfully submitted that claims 1, 52, 53, and 56-59 remain pending and under consideration.

II. CLAIMS 1, 52, 53 AND 56 – 59 ARE REJECTED UNDER 35 U.S.C. § 103(a) AS BEING UNPATENTABLE OVER HOGHOOGHI ET AL. (US 5,959,260) IN VIEW OF IRVIN (US 6,195,568) AND MURAMATSU ET AL. (US 6,477,391).

The Examiner concedes that the combination of Hoghooghi et al. (Hoghooghi) and Irvin fails to disclose that the interface section is an optical communications section which receives/transmits optical signals as the input/output signals. (see page 3 of the Office Action). Therefore the Examiner relies on Muramatsu et al. (Muramatsu) to teach the interface section is an optical communication section, which receives and transmits optical signals as the input/output signals. (see page 4 of the Office Action).

However, for example, claim 1 recites *an interface section comprising an optical communications means for optically receiving/transmitting signals as the input/output signals, disposed on a contact surface between the battery pack and the main body, for transferring the input/output signals relating to the biometric information between said main body and the battery pack*. It is respectfully submitted that Muramatsu fails to teach these features.

Muramatsu does not teach *an optical communications means for optically receiving/transmitting signals as the input/output signals, disposed on a contact surface between the battery pack and the main body*, as recited in, for example, claim 1. Muramatsu simply teaches a communication means between the portable telephone and a holding device. (see column 7, lines 36 – 64 of Muramatsu). Muramatsu discloses a light guide and “the infrared optical communication interface on the side face of the portable telephone is arranged so as to oppose the light guide. A surface of the light guide is established to be equal to or larger than an area of the side face of the portable telephone.” (column 4, lines 35 - 44 and Fig. 5 of Muramatsu). The optical interface taught by Muramatsu is between a mobile telephone holding device and the mobile telephone itself. (see Abstract and column 2, lines 28-35 of Muramatsu). Muramatsu does not disclose or suggest an optical interface between the battery pack and the mobile phone. Therefore, Muramatsu does not disclose an optical

communications means disposed on a contact surface between the battery pack and the main body, as recited in, for example, claim 1.

Furthermore, Muramatsu fails to teach *an optical communication means for ... transferring the input/output **signals relating to the biometric information** between said main body and the battery pack*, as recited in, for example, claim 1. Instead, Muramatsu simply discloses the portable telephone is capable of communicating with a PDA or not-size personal computer. (see column 8, lines 3 – 14 of Muramatsu).

Therefore, Muramatsu fails to cure the deficiencies of Irvin and Hoghooghi. Thus, it would not have been obvious to one having ordinary skill in the art at the time the invention was made to modify Hoghooghi in view of Irvin and Muramatsu because neither invention discloses or suggests the present invention, as recited in, for example, claim 1.

Although the above comments are specifically directed to claim 1, it is respectfully submitted that the comments would be helpful in understanding various differences of various other claims over the cited references.

In view of the above, it is respectfully submitted that the rejection is overcome.

III. CONCLUSION

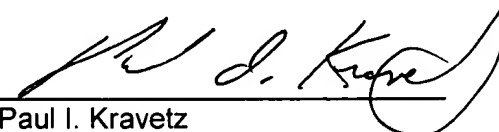
In view of the above, it is respectfully submitted that the application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

If any further fees are required in connection with the filing of this response, please charge such fees to our Deposit Account No. 19-3935.

Respectfully submitted,

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